Name: ..... **Class:**..... **Mark:**.....

1. (a) The operating system of a PC carries out many different functions, including **multi-tasking** and **memory management**.

Explain what is meant by each of these terms. [4]

Multi-tasking:

Memory management:

(b) Describe **two** other functions of an operating system. [4]

2. Peripheral devices need a device driver to work.

(a) Give **two** examples of peripheral devices. [2]

(b) Explain how device drivers are used on computers. [2]

3. Explain **two** methods which the operating system may use to maintain the security of data stored on disk. [4]

Method 1:

Method 2:

[Total 16 marks]